

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030748.D
 Acq On : 23 Aug 2022 21:57
 Operator : JC/MD
 Sample : VX0823WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBS02

Quant Time: Aug 24 04:31:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	126880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130628	51.222	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.440%			
35) Dibromofluoromethane	5.391	113	117456	55.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.800%			
50) Toluene-d8	8.653	98	400190	48.742	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.480%			
62) 4-Bromofluorobenzene	11.085	95	145066	47.608	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	42251	20.294	ug/l	98
3) Chloromethane	1.288	50	41443	20.129	ug/l	97
4) Vinyl Chloride	1.374	62	46528	22.391	ug/l	98
5) Bromomethane	1.611	94	15681	17.807	ug/l	95
6) Chloroethane	1.685	64	27516	23.062	ug/l	94
7) Trichlorofluoromethane	1.886	101	61806	22.576	ug/l	97
8) Diethyl Ether	2.136	74	28394	26.485	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	39411	19.436	ug/l	99
10) Methyl Iodide	2.453	142	31011	16.739	ug/l	99
11) Tert butyl alcohol	2.989	59	76645	123.210	ug/l	97
12) 1,1-Dichloroethene	2.319	96	40048	20.205	ug/l	97
13) Acrolein	2.239	56	3122	20.419	ug/l	83
14) Allyl chloride	2.666	41	71625	17.512	ug/l	96
15) Acrylonitrile	3.069	53	156966	102.107	ug/l	99
16) Acetone	2.392	43	122262	93.641	ug/l	100
17) Carbon Disulfide	2.514	76	88977	16.630	ug/l	97
18) Methyl Acetate	2.709	43	77322	20.022	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	149775	22.060	ug/l	97
20) Methylene Chloride	2.788	84	51228	21.443	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	42475	19.415	ug/l	99
22) Diisopropyl ether	3.770	45	156581	20.234	ug/l #	83
23) Vinyl Acetate	3.727	43	611482	91.091	ug/l	98
24) 1,1-Dichloroethane	3.611	63	86619	21.064	ug/l	97
25) 2-Butanone	4.574	43	206151	93.960	ug/l	95
26) 2,2-Dichloropropane	4.483	77	43830	14.740	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	54426	21.156	ug/l	97
28) Bromochloromethane	4.904	49	39907	22.972	ug/l	90
29) Tetrahydrofuran	5.026	42	132098	89.483	ug/l	94
30) Chloroform	5.105	83	89502	21.983	ug/l	96
31) Cyclohexane	5.477	56	60470	16.331	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	71706	21.667	ug/l	97
36) 1,1-Dichloropropene	5.702	75	55266	18.114	ug/l	96
37) Ethyl Acetate	4.733	43	76666	17.744	ug/l	98
38) Carbon Tetrachloride	5.678	117	58433	20.515	ug/l	91
39) Methylcyclohexane	7.385	83	63089	16.020	ug/l	99
40) Benzene	6.044	78	191053	19.902	ug/l	97

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41) Methacrylonitrile	4.928	41	41274	17.821	ug/l	94
42) 1,2-Dichloroethane	6.092	62	66818	20.144	ug/l	99
43) Isopropyl Acetate	6.348	43	113196	17.872	ug/l	98
44) Trichloroethene	7.135	130	52495	20.013	ug/l	96
45) 1,2-Dichloropropane	7.434	63	54232	21.181	ug/l	100
46) Dibromomethane	7.580	93	38624	22.183	ug/l	95
47) Bromodichloromethane	7.824	83	70380	22.235	ug/l	98
48) Methyl methacrylate	7.702	41	57242	18.361	ug/l	93
49) 1,4-Dioxane	7.677	88	32278	448.274	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	385080	89.554	ug/l	94
52) Toluene	8.720	92	116361	19.868	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	65708	19.258	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	74323	19.989	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	54731	21.948	ug/l	93
56) Ethyl methacrylate	9.122	69	79906	20.270	ug/l	92
57) 1,3-Dichloropropane	9.311	76	88691	21.547	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	212802	108.771	ug/l	98
59) 2-Hexanone	9.433	43	306641	90.389	ug/l	97
60) Dibromochloromethane	9.525	129	55328	23.968	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55468	21.303	ug/l	100
64) Tetrachloroethene	9.275	164	45424	18.997	ug/l	94
65) Chlorobenzene	10.079	112	126394	20.949	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	47965	23.386	ug/l	99
67) Ethyl Benzene	10.195	91	216182	23.467	ug/l	99
68) m/p-Xylenes	10.305	106	164453	40.236	ug/l	96
69) o-Xylene	10.646	106	83121	20.634	ug/l	97
70) Styrene	10.659	104	142586	21.544	ug/l	99
71) Bromoform	10.799	173	39161	25.972	ug/l #	98
73) Isopropylbenzene	10.963	105	209884	19.924	ug/l	100
74) N-amyl acetate	10.848	43	89402	17.462	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	83900	21.760	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	76442m	21.491	ug/l	
77) Bromobenzene	11.201	156	52355	21.175	ug/l	97
78) n-propylbenzene	11.305	91	244846	19.474	ug/l	99
79) 2-Chlorotoluene	11.366	91	150072	18.901	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	180628	20.477	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	21894	18.465	ug/l	98
82) 4-Chlorotoluene	11.457	91	170574	19.663	ug/l	99
83) tert-Butylbenzene	11.719	119	166833	20.406	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	177138	20.129	ug/l	99
85) sec-Butylbenzene	11.890	105	223598	19.981	ug/l	100
86) p-Isopropyltoluene	12.012	119	182609	20.397	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	96932	20.158	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	98570	20.137	ug/l	98
89) n-Butylbenzene	12.335	91	164704	19.760	ug/l	99
90) Hexachloroethane	12.542	117	33417	21.679	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	102628	21.744	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20763	22.452	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	57506	21.010	ug/l	99
94) Hexachlorobutadiene	13.725	225	22181	20.182	ug/l	98
95) Naphthalene	13.780	128	246478	23.054	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	62920	22.415	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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